



Image for illustrative purpose only

## Summary

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Nb of contacts Triax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.30 - 18.60 mm
Size	2E
Suggested matching part	<a href="#">FFA.2E.675.CLAC40</a>
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/hgp-2e-675-ctlp.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/hgp-2e-675-ctlp.html)

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# Technical details

## Electrical Configuration

Nb of contacts Triax	1
Contact Termination Triax	Solder
Insert configuration value	2E.675 - 1 Triax (75 Ohm)
Insulator	T: PTFE
Rated current	6 A
Impedance	75 Ohm
OHM	75
VSWR	$1.02 + 0.07 * f/\text{GHz}$
Vtest	1200 V (AC), 1690 V (DC)
Cable type	Belden 8215,8232A,HF-2426,Triax 8 Nokia,375 029 LEDE, RGT 179
Contact Dia.	0.9 mm (0.035in)

## Form & Material

Shell style / Model id	HGP - Fixed receptacle, nut fixing, watertight or vacuum-tight
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	Circular, female
Colour	Grey
Variant	Watertight unmated (connector to device)
Weight	41.19 g

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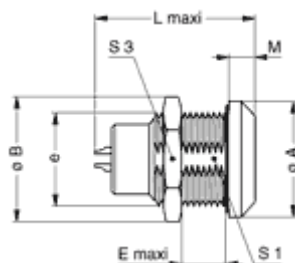
## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-20°C / +80°C
Climatical Category	20/80/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Pressure	40 bars
Salt Spray Corrosion	>1000 hr

## Cable fixation

Jacket cable outside diameter [mm]	1.30 - 18.60 mm
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## Drawings



## Dimensions

	A	B	e	E	L	M	S1	S3
mm.	25	27.5	M20x1.0	10.5	32.5	5	18.5	24
in.	0.98	1.08		0.41	1.28	0.2	0.73	0.94

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# Recommended By Lemo

## Accessories

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Compatible cap	<a href="#">BRE.2K.200.NAS</a>
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